



12-04-05

280011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn.: Christl Lauterbach, et al.
Serial No.: 10/070,025
Filed: February 25, 2002
For: ELECTRONIC CIRCUIT FOR A METHOD FOR STORING INFORMATION WITH FERROELECTRIC FLIP-FLOPS
Confirmation No.: 5861
Group Art Unit: 2836
Attorney: Jeffrey R. Stone
Attorney Docket No.: 32226.17
Additional Fees: Charge to Deposit Account 023732

Fee Only

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL COVER LETTER

Enclosed for filing, please find the following:

1. Amendment and Response (8 pgs.);
2. Petition for Extension of Time Under 37 CFR 1.136(a);
3. A check in the amount of \$950.00; and
4. Postcard receipt.

TECHNOLOGY CENTER 2800
RECEIVED
DEC 11 2003

Respectfully submitted,

Dated: 12/3/03

By Katy Sathye
Jeffrey R. Stone (Reg. No. 47,976)
BRIGGS AND MORGAN
2200 IDS Center
80 South Eighth Street
Minneapolis, MN 55402
Telephone: (612) 977-8560

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this document, along with the documents referenced above, are being deposited with the United States Postal Service as Express Mail, Receipt No. EV 190456540 US in a envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By: Katy Sathye
Date: December 3, 2003

03/08/2004 AFORD1 00000003 023732 10079925

1595596v1

01 FC:1203 200.00 DA

Copy of page 3

28. (new): The electronic circuit as claimed in claim 1, wherein the control means can generate at least one switch-off control signal after a predetermined time has elapsed after the at least one information signal arise and when the energy converted from the at least one information signal is exhausted,

*full
1/12/6*

wherein the signal processing means can be caused or is caused to effect a storage and to effect deactivation by the at least one switch-off control signal.

29. (new): The electronic circuit as claimed in claim 1 or 2, wherein the information stored in the at least one ferroelectric flip-flop can be converted into at least one output signal by the signal processing means and the electronic circuit furthermore has at least one output for outputting the at least one output signal.

30. (new): The electronic circuit as claimed in claim 1, wherein the electronic circuit furthermore has a display means for displaying the information stored in the at least one ferroelectric flip-flop.

31. (new): The electronic circuit as claimed in claim 4, wherein the display means is concomitantly supplied by the voltage supply generated by the energy means.

32. (new): The electronic circuit as claimed in claim 4 or 5, wherein the display means has an LCD display.

33. (new): The electronic circuit as claimed in claim 3, wherein an external voltage supply and external control means can be connected for the outputting of the information stored in the at least one ferroelectric flip-flop by the signal processing means.

34. (new): The electronic circuit as claimed in claim 2, wherein the at least one switch-off control signal has the following signals:

a transfer end signal;
an activation signal for activating precharge transistors of at least one ferroelectric flip-flop; and
a current switch-off signal for switching off the voltage supply of the signal processing means.

35. (new): The electronic circuit as claimed in claim 1, wherein signal lines for each of the switch-on signals lead from the control means to the signal processing means.